

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                               | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|--|-------|------------|--------------------------|---------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                                  |              |    |                        |          |
|---|----------------------------------|--------------|----|------------------------|----------|
| LM Start  | <b>0.00</b>                      | Rating **    | A  | Issue No.              | <b>3</b> |
| LM End  | <b>0.00</b>                      | Issue Type + | Ma | Location *             | CR       |
| Category  | Earthen Levee                    |              |    | GPS Latitude/Longitude |          |
|   |                                  |              |    | Start                  | End      |
| Item  | Operations & Maintenance Manuals |              |    |                        |          |
| DWR ID  | DWR_RD2035_01_s_2013_3           |              |    |                        |          |
| Comment Code  |                                  |              |    |                        |          |
| Inspector Comment   |                                  |              |    |                        |          |
| The LMA stated that they keep a copy of the O&M manuals on hand at the district office. |                                  |              |    |                        |          |

No Photos

|   |                                |              |    |                        |          |
|---|--------------------------------|--------------|----|------------------------|----------|
| LM Start  | <b>0.00</b>                    | Rating **    | A  | Issue No.              | <b>4</b> |
| LM End  | <b>0.00</b>                    | Issue Type + | Ma | Location *             | CR       |
| Category  | Earthen Levee                  |              |    | GPS Latitude/Longitude |          |
|   |                                |              |    | Start                  | End      |
| Item  | Emergency Supplies & Equipment |              |    |                        |          |
| DWR ID  | DWR_RD2035_01_s_2013_4         |              |    |                        |          |
| Comment Code  |                                |              |    |                        |          |
| Inspector Comment   |                                |              |    |                        |          |
| The district has emergency supplies and equipment on hand at their district office. |                                |              |    |                        |          |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

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|--|-------|------------|--------------------------|---------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                               |              |    |                        |          |
|--|-------------------------------|--------------|----|------------------------|----------|
| LM Start   | <b>0.00</b>                   | Rating **    | M  | Issue No.              | <b>5</b> |
| LM End   | <b>0.00</b>                   | Issue Type + | Ma | Location *             | CR       |
| Category   | Earthen Levee                 |              |    | GPS Latitude/Longitude |          |
|  |                               |              |    | Start                  | End      |
| Item   | Flood Preparedness & Training |              |    |                        |          |
| DWR ID   | DWR_RD2035_01_s_2013_5        |              |    |                        |          |
| Comment Code   |                               |              |    |                        |          |
| Inspector Comment  |                               |              |    |                        |          |
| The LMA plans on attending DWR Flood Fight training class this fall. |                               |              |    |                        |          |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | <b>0.01</b>             | Rating **    | U  | Issue No.              | <b>13</b>     |
| LM End   | <b>2.00</b>             | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.677382 °            | 38.677191 °   |
|  |                         |              |    | -121.709750 °          | -121.672900 ° |
| DWR ID   | DWR_RD2035_01_s_2017_13 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
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| Waterway                               | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|--|-------|------------|--------------------------|---------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.01                   | Rating **    | U  | Issue No.              | 9             |
| LM End   | 2.00                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 38.677382 °            | 38.677191 °   |
|  |                        |              |    | -121.709746 °          | -121.672904 ° |
| DWR ID   | DWR_RD2035_01_s_2017_9 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                        |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_238\_9\_20170426\_00014.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.01                    | Rating **    | U  | Issue No.              | 10            |
| LM End   | 2.00                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.677382 °            | 38.677191 °   |
|  |                         |              |    | -121.709746 °          | -121.672904 ° |
| DWR ID   | DWR_RD2035_01_s_2017_10 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
|  |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_238\_10\_20170426\_00015.jpg



View looking downstream of vegetation that need to be maintained, Spring 2017.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

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| Waterway                               | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|--|-------|------------|--------------------------|---------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |     |                        |               |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 0.02                        | Rating **    | A/W | Issue No.              | 15            |
| LM End  | 0.02                        | Issue Type + | Ma  | Location *             | WS            |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |               |
|   |                             |              |     | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.677377 °            | 38.677377 °   |
|   |                             |              |     | -121.709487 °          | -121.709487 ° |
| DWR ID  |                             |              |     |                        |               |
| Comment Code  |                             |              |     |                        |               |
|   |                             |              |     |                        |               |
| Inspector Comment   |                             |              |     |                        |               |
| FS_ID:10827<br>DS_ID:17814<br>EP_NO: 10127<br>Repair Type: No Action Needed<br>Crossing Status: Found<br>UCIP Comments:<br>FIELD_STRUCT_DESC: 42-inch CM pipe through levee 10.0 feet below crown. Flap gate on waterward end. Grouted spillway on waterward side. Pipe encased in concrete and exposed at LS. (A.B.O. No. 10127 - City of Woodland)<br>FS Date: 4/2/2013 |                             |              |     |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_10827\_18109.jpg



Flap gate and spillway on WS toe.

|          |             |              |     |            |                  |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | <b>0.02</b> | Rating **    | A/W | Issue No.  | <b>15 (cont)</b> |
| LM End   | <b>0.02</b> | Issue Type + | Ma  | Location * | WS               |

Photo 2 of 3 : UCIP\_SP\_2017\_10827\_18108.jpg



Flap gate and spillway on WS toe.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

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### Reclamation District No. 2035 Conaway

| Waterway                               | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|--|-------|------------|--------------------------|---------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |     |                        |           |               |
|---|-----------------------------|--------------|-----|------------------------|-----------|---------------|
| LM Start  | 0.02                        | Rating **    | A/W | Issue No.              | 15 (cont) |               |
| LM End  | 0.02                        | Issue Type + | Ma  | Location *             | WS        |               |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |           |               |
|   |                             |              |     | Start                  |           | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.677377 °            |           | 38.677377 °   |
|   |                             |              |     | -121.709487 °          |           | -121.709487 ° |
| DWR ID  |                             |              |     |                        |           |               |
| Comment Code  |                             |              |     |                        |           |               |
|   |                             |              |     |                        |           |               |
| Inspector Comment   |                             |              |     |                        |           |               |
| FS_ID:10827<br>DS_ID:17814<br>EP_NO: 10127<br>Repair Type: No Action Needed<br>Crossing Status: Found<br>UCIP Comments:<br>FIELD_STRUCT_DESC: 42-inch CM pipe through levee 10.0 feet below crown. Flap gate on waterward end. Grouted spillway on waterward side. Pipe encased in concrete and exposed at LS. (A.B.O. No. 10127 - City of Woodland)<br>FS Date: 4/2/2013 |                             |              |     |                        |           |               |

Photo 3 of 3 : UCIP\_SP\_2017\_10827\_18107.jpg



Concrete encased pipe on LS toe.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.03                    | Rating **    | C  | Issue No.              | 11            |
| LM End  | 2.00                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 38.677347 °            | 38.677175 °   |
|   |                         |              |    | -121.709285 °          | -121.672945 ° |
| DWR ID  | DWR_RD2035_01_f_2013_11 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| AT : Agricultural tilling                           |                         |              |    |                        |               |
| Inspector Comment                                   |                         |              |    |                        |               |
| Discing on the waterward slope can lead to erosion. |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



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### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.04                    | Rating **    | U  | Issue No.              | 17            |
| LM End   | 7.63                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.676571 °            | 38.575374 °   |
|  |                         |              |    | -121.672576 °          | -121.635585 ° |
| DWR ID   | DWR_RD2035_02_s_2017_17 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_17\_20170426\_00026.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.04                    | Rating **    | U  | Issue No.              | 18            |
| LM End   | 7.63                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.676571 °            | 38.575374 °   |
|  |                         |              |    | -121.672576 °          | -121.635585 ° |
| DWR ID   | DWR_RD2035_02_s_2017_18 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_18\_20170426\_00027.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

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| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                                  |              |    |                        |               |
|---|----------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.28                             | Rating **    | M  | Issue No.              | 1             |
| LM End  | 0.36                             | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|   |                                  |              |    | Start                  | End           |
| Item  | 2015 USACE Erosion Survey, DRAFT |              |    | 38.673229 °            | 38.672069 °   |
|   |                                  |              |    | -121.671732 °          | -121.671516 ° |
| DWR ID  | DWR_RD2035_02_s_2016_1           |              |    |                        |               |
| Comment Code  |                                  |              |    |                        |               |
|   |                                  |              |    |                        |               |
| Inspector Comment   |                                  |              |    |                        |               |
| 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Slumping of the lower toe. New slumped section on downstream end. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_0-1_R] |                                  |              |    |                        |               |

No Photos

|   |                             |              |    |                        |               |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.38                        | Rating **    | U  | Issue No.              | 980           |
| LM End  | 0.38                        | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                |              |    | GPS Latitude/Longitude |               |
|   |                             |              |    | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |    | 38.671813 °            | 38.671813 °   |
|   |                             |              |    | -121.671581 °          | -121.671581 ° |
| DWR ID  |                             |              |    |                        |               |
| Comment Code  |                             |              |    |                        |               |
|   |                             |              |    |                        |               |
| Inspector Comment   |                             |              |    |                        |               |
| FS_ID:50171<br>DS_ID:17822<br>EP_NO: N/A<br>Repair Type: Urgent<br>Crossing Status: Found<br>UCIP Comments: 09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP)<br>FIELD_STRUCT_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. There is a pump on a platform in a drainage ditch at the toe of the landside (LS) slope. There is a slide gate and flap gates in 5 foot by 9 foot concrete box. There is a flap gate on waterside (WS) toe. There is an 8-inch vent/standpipe at WS toe. [Additional Reference(s): DWR Levee Logs, 1990. USACE Sacramento O&M Manual 121, May 1959 (LM 0.4)].<br>FS Date: 9/14/2016 |                             |              |    |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_50171\_18202.jpg



Pumping plant off LS toe.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

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|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.38                        | Rating **    | U  | Issue No.              | 980 (cont)    |
| LM End   | 0.38                        | Issue Type + | Ma | Location *             | WS            |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.671813 °            | 38.671813 °   |
|          |                             |              |    | -121.671581 °          | -121.671581 ° |
| DWR ID   |                             |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:50171  
DS\_ID:17822  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP) FIELD\_STRUCT\_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. There is a pump on a platform in a drainage ditch at the toe of the landside (LS) slope. There is a slide gate and flap gates in 5 foot by 9 foot concrete box. There is a flap gate on waterside (WS) toe. There is an 8-inch vent/standpipe at WS toe. [Additional Reference(s): DWR Levee Logs, 1990. USACE Sacramento O&M Manual 121, May 1959 (LM 0.4)].  
FS Date: 9/14/2016

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.38</b> | Rating **    | U  | Issue No.  | <b>980 (cont)</b> |
| LM End   | <b>0.38</b> | Issue Type + | Ma | Location * | WS                |

Photo 2 of 3 : UCIP\_SP\_2017\_50171\_18201.jpg



Pipe and flap gate with vent riser on WS toe.

Photo 3 of 3 : UCIP\_SP\_2017\_50171\_18200.jpg



Broken flap gate at WS toe.

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|--|--|---|--|---|--|



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|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                                  |              |    |                        |               |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.20                             | Rating **    | M  | Issue No.              | 2             |
| LM End   | 1.24                             | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|  |                                  |              |    | Start                  | End           |
| Item   | 2015 USACE Erosion Survey, DRAFT |              |    | 38.660050 °            | 38.659465 °   |
|  |                                  |              |    | -121.669028 °          | -121.668940 ° |
| DWR ID   | DWR_RD2035_02_s _ 2016_2         |              |    |                        |               |
| Comment Code   |                                  |              |    |                        |               |
|  |                                  |              |    |                        |               |
| Inspector Comment  |                                  |              |    |                        |               |
| 2011 - Small sections of slumping, likely from wind wave. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_1-2_R] |                                  |              |    |                        |               |

No Photos

|  |                                  |              |    |                        |               |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.98                             | Rating **    | M  | Issue No.              | 4             |
| LM End   | 2.03                             | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|  |                                  |              |    | Start                  | End           |
| Item   | 2015 USACE Erosion Survey, DRAFT |              |    | 38.648881 °            | 38.648178 °   |
|  |                                  |              |    | -121.666653 °          | -121.666385 ° |
| DWR ID   | DWR_RD2035_02_s _ 2016_4         |              |    |                        |               |
| Comment Code   |                                  |              |    |                        |               |
|  |                                  |              |    |                        |               |
| Inspector Comment  |                                  |              |    |                        |               |
| 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Small sections of slumping lower bank, just downstream of bank rock. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-0_R] |                                  |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |     |                        |               |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 2.15                        | Rating **    | A/W | Issue No.              | 982           |
| LM End  | 2.15                        | Issue Type + | Ma  | Location *             | WS            |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |               |
|   |                             |              |     | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.646445 °            | 38.646445 °   |
|   |                             |              |     | -121.666423 °          | -121.666423 ° |
| DWR ID  |                             |              |     |                        |               |
| Comment Code  |                             |              |     |                        |               |
|   |                             |              |     |                        |               |
| Inspector Comment   |                             |              |     |                        |               |
| FS_ID:10933<br>DS_ID:17833<br>EP_NO: N/A<br>Repair Type: No Action Needed<br>Crossing Status: Found<br>UCIP Comments:<br>FIELD_STRUCT_DESC: 1 of 2: 60-inch pipe through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Originally included in O+M manual (1959).<br>FS Date: 4/2/2013 |                             |              |     |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_10933\_18226.jpg



Slide gates in concrete vault on WS slope.

|          |             |              |     |            |                   |
|----------|-------------|--------------|-----|------------|-------------------|
| LM Start | <b>2.15</b> | Rating **    | A/W | Issue No.  | <b>982 (cont)</b> |
| LM End   | <b>2.15</b> | Issue Type + | Ma  | Location * | WS                |

Photo 2 of 3 : UCIP\_SP\_2017\_10933\_18225.jpg



LS at intake.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |     |                        |               |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 2.15                        | Rating **    | A/W | Issue No.              | 982 (cont)    |
| LM End  | 2.15                        | Issue Type + | Ma  | Location *             | WS            |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |               |
|   |                             |              |     | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.646445 °            | 38.646445 °   |
|   |                             |              |     | -121.666423 °          | -121.666423 ° |
| DWR ID  |                             |              |     |                        |               |
| Comment Code  |                             |              |     |                        |               |
|   |                             |              |     |                        |               |
| Inspector Comment   |                             |              |     |                        |               |
| FS_ID:10933<br>DS_ID:17833<br>EP_NO: N/A<br>Repair Type: No Action Needed<br>Crossing Status: Found<br>UCIP Comments:<br>FIELD_STRUCT_DESC: 1 of 2: 60-inch pipe through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Originally included in O+M manual (1959).<br>FS Date: 4/2/2013 |                             |              |     |                        |               |

Photo 3 of 3 : UCIP\_SP\_2017\_10933\_18224.jpg



Outlet on WS toe.

|   |                             |              |     |                        |               |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 2.15                        | Rating **    | A/W | Issue No.              | 983           |
| LM End  | 2.15                        | Issue Type + | Ma  | Location *             | WS            |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |               |
|   |                             |              |     | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.646425 °            | 38.646425 °   |
|   |                             |              |     | -121.666421 °          | -121.666421 ° |
| DWR ID  |                             |              |     |                        |               |
| Comment Code  |                             |              |     |                        |               |
|   |                             |              |     |                        |               |
| Inspector Comment   |                             |              |     |                        |               |
| FS_ID:10934   |                             |              |     |                        |               |
| DS_ID:17877   |                             |              |     |                        |               |
| EP_NO: N/A  |                             |              |     |                        |               |
| Repair Type: No Action Needed   |                             |              |     |                        |               |
| Crossing Status: Found  |                             |              |     |                        |               |
| UCIP Comments:  |                             |              |     |                        |               |
| FIELD_STRUCT_DESC: 2 of 2: 60-inch pipes through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Concrete headwalls on both ends. Originally included in O+M manual (1959). |                             |              |     |                        |               |
| FS Date: 4/2/2013   |                             |              |     |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_10934\_18230.jpg



Slide gates in concrete vault on WS slope.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |     |                        |            |               |
|---|-----------------------------|--------------|-----|------------------------|------------|---------------|
| LM Start  | 2.15                        | Rating **    | A/W | Issue No.              | 983 (cont) |               |
| LM End  | 2.15                        | Issue Type + | Ma  | Location *             | WS         |               |
| Category  | Supplemental                |              |     | GPS Latitude/Longitude |            |               |
|   |                             |              |     | Start                  |            | End           |
| Item  | DWR UCIP LMA Responsibility |              |     | 38.646425 °            |            | 38.646425 °   |
|   |                             |              |     | -121.666421 °          |            | -121.666421 ° |
| DWR ID  |                             |              |     |                        |            |               |
| Comment Code  |                             |              |     |                        |            |               |
|   |                             |              |     |                        |            |               |
| Inspector Comment   |                             |              |     |                        |            |               |
| FS_ID:10934   |                             |              |     |                        |            |               |
| DS_ID:17877   |                             |              |     |                        |            |               |
| EP_NO: N/A  |                             |              |     |                        |            |               |
| Repair Type: No Action Needed   |                             |              |     |                        |            |               |
| Crossing Status: Found  |                             |              |     |                        |            |               |
| UCIP Comments:  |                             |              |     |                        |            |               |
| FIELD_STRUCT_DESC: 2 of 2: 60-inch pipes through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Concrete headwalls on both ends. Originally included in O+M manual (1959). |                             |              |     |                        |            |               |
| FS Date: 4/2/2013   |                             |              |     |                        |            |               |

Photo 2 of 3 : UCIP\_SP\_2017\_10934\_18229.jpg



Intake at channel on LS toe.

|          |             |              |     |            |                   |
|----------|-------------|--------------|-----|------------|-------------------|
| LM Start | <b>2.15</b> | Rating **    | A/W | Issue No.  | <b>983 (cont)</b> |
| LM End   | <b>2.15</b> | Issue Type + | Ma  | Location * | WS                |

Photo 3 of 3 : UCIP\_SP\_2017\_10934\_18228.jpg



Concrete headwall on WS toe.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                                  |              |    |                        |               |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.26                             | Rating **    | M  | Issue No.              | 5             |
| LM End   | 2.60                             | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|  |                                  |              |    | Start                  | End           |
| Item   | 2015 USACE Erosion Survey, DRAFT |              |    | 38.645319 °            | 38.640997 °   |
|  |                                  |              |    | -121.665089 °          | -121.661878 ° |
| DWR ID   | DWR_RD2035_02_s_2016_5           |              |    |                        |               |
| Comment Code   |                                  |              |    |                        |               |
|  |                                  |              |    |                        |               |
| Inspector Comment  |                                  |              |    |                        |               |
| 2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-3_R] |                                  |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.69                    | Rating **    | M  | Issue No.              | 20            |
| LM End   | 2.74                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Slope Stability         |              |    | 38.639811 °            | 38.639230 °   |
|  |                         |              |    | -121.661246 °          | -121.660819 ° |
| DWR ID   | DWR_RD2035_02_s_2017_20 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| S1 : Repair slope instability.                                   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Slope sloughing that occurred during winter months, Spring 2017. |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_20\_20170426\_00028.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                                  |              |    |                        |               |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.78                             | Rating **    | M  | Issue No.              | 6             |
| LM End   | 3.26                             | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|  |                                  |              |    | Start                  | End           |
| Item   | 2015 USACE Erosion Survey, DRAFT |              |    | 38.638731 °            | 38.632783 °   |
|  |                                  |              |    | -121.660247 °          | -121.655864 ° |
| DWR ID   | DWR_RD2035_02_s_2016_6           |              |    |                        |               |
| Comment Code   |                                  |              |    |                        |               |
|  |                                  |              |    |                        |               |
| Inspector Comment  |                                  |              |    |                        |               |
| 2011 - Wave wash erosion and several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-8_R] |                                  |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.96                    | Rating **    | M  | Issue No.              | 21            |
| LM End   | 3.06                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Slope Stability         |              |    | 38.636471 °            | 38.635215 °   |
|  |                         |              |    | -121.658793 °          | -121.657886 ° |
| DWR ID   | DWR_RD2035_02_s_2017_21 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| S1 : Repair slope instability.                                   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Slope sloughing that occurred during winter months, Spring 2017. |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_21\_20170426\_00029.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.39                    | Rating **    | M  | Issue No.              | 24            |
| LM End   | 3.41                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Slope Stability         |              |    | 38.631082 °            | 38.630790 °   |
|  |                         |              |    | -121.654798 °          | -121.654588 ° |
| DWR ID   | DWR_RD2035_02_s_2017_24 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| S1 : Repair slope instability.                                   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Slope sloughing that occurred during winter months, Spring 2017. |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_24\_20170426\_00032.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

|   |                                  |              |    |                        |               |
|---|----------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.09                             | Rating **    | M  | Issue No.              | 7             |
| LM End  | 4.41                             | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                     |              |    | GPS Latitude/Longitude |               |
|   |                                  |              |    | Start                  | End           |
| Item  | 2015 USACE Erosion Survey, DRAFT |              |    | 38.622224 °            | 38.618302 °   |
|   |                                  |              |    | -121.648201 °          | -121.645296 ° |
| DWR ID  | DWR_RD2035_02_s_2016_7           |              |    |                        |               |
| Comment Code  |                                  |              |    |                        |               |
|   |                                  |              |    |                        |               |
| Inspector Comment   |                                  |              |    |                        |               |
| 2006 - Wave wash erosion and some saturation slumping occurring. Several small scallops present in lower levee slope/toe due to saturation slumping. Tension/separation cracks evident in fine-grained levee slope materials. 2011 - Small pockets of erosion throughout the site. Site formerly called 3.8. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_4-2_R] |                                  |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |    |                        |               |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.43                        | Rating **    | M  | Issue No.              | 985           |
| LM End  | 4.43                        | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                |              |    | GPS Latitude/Longitude |               |
|   |                             |              |    | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |    | 38.618030 °            | 38.618030 °   |
|   |                             |              |    | -121.645192 °          | -121.645192 ° |
| DWR ID  |                             |              |    |                        |               |
| Comment Code  |                             |              |    |                        |               |
|   |                             |              |    |                        |               |
| Inspector Comment   |                             |              |    |                        |               |
| FS_ID:11526<br>DS_ID:17828<br>EP_NO: 1701<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe.<br>FIELD_STRUCT_DESC: 60-inch corrugated metal drain pipe through the levee 20.6 feet below the crown encased in 6-inches of reinforced concrete. Slide gate in 7-foot diameter C.M. pipe riser on waterward slope. Pumping plant with 6-pumps/pipes that discharge into a 4-ft by 18-ft surge box on the LS toe. (Permit No. 1701 - R.D. 2035)<br>FS Date: 4/3/2013 |                             |              |    |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_11526\_18935.jpg



Surge box and pumping plant on LS toe.

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>4.43</b> | Rating **    | M  | Issue No.  | <b>985 (cont)</b> |
| LM End   | <b>4.43</b> | Issue Type + | Ma | Location * | WS                |

Photo 2 of 3 : UCIP\_SP\_2017\_11526\_18934.jpg



7-foot diameter CMP riser and slide gate on WS slope.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |    |                        |               |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.43                        | Rating **    | M  | Issue No.              | 985 (cont)    |
| LM End  | 4.43                        | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                |              |    | GPS Latitude/Longitude |               |
|   |                             |              |    | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |    | 38.618030 °            | 38.618030 °   |
|   |                             |              |    | -121.645192 °          | -121.645192 ° |
| DWR ID  |                             |              |    |                        |               |
| Comment Code  |                             |              |    |                        |               |
|   |                             |              |    |                        |               |
| Inspector Comment   |                             |              |    |                        |               |
| FS_ID:11526<br>DS_ID:17828<br>EP_NO: 1701<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe.<br>FIELD_STRUCT_DESC: 60-inch corrugated metal drain pipe through the levee 20.6 feet below the crown encased in 6-inches of reinforced concrete. Slide gate in 7-foot diameter C.M. pipe riser on waterward slope. Pumping plant with 6-pumps/pipes that discharge into a 4-ft by 18-ft surge box on the LS toe. (Permit No. 1701 - R.D. 2035)<br>FS Date: 4/3/2013 |                             |              |    |                        |               |

Photo 3 of 3 : UCIP\_SP\_2017\_11526\_18933.jpg



7-foot diameter CMP riser and slide gate on WS slope.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 5.81                    | Rating **    | C  | Issue No.              | 19            |
| LM End   | 5.81                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.600462 °            | 38.600462 °   |
|  |                         |              |    | -121.632705 °          | -121.632705 ° |
| DWR ID   | DWR_RD2035_02_f_2015_19 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| The arundo has been removed, Spring 2017.                                    |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 6.35                    | Rating **    | M  | Issue No.              | 25            |
| LM End   | 6.38                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Slope Stability         |              |    | 38.592882 °            | 38.592413 °   |
|  |                         |              |    | -121.631269 °          | -121.631269 ° |
| DWR ID   | DWR_RD2035_02_s_2017_25 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| S1 : Repair slope instability.                                   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Slope sloughing that occurred during winter months, Spring 2017. |                         |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_239\_25\_20170426\_00033.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.00                   | Rating **    | M  | Issue No.              | 6             |
| LM End   | 2.51                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 38.575376 °            | 38.590810 °   |
|  |                        |              |    | -121.635560 °          | -121.665257 ° |
| DWR ID   | DWR_RD2035_03_s_2017_6 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                        |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_240\_6\_20170426\_00017.jpg



View looking upstream of annual grasses that need to be maintained, Spring 2017.

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.00                   | Rating **    | M  | Issue No.              | 8             |
| LM End   | 2.51                   | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 38.575376 °            | 38.590809 °   |
|  |                        |              |    | -121.635590 °          | -121.665257 ° |
| DWR ID   | DWR_RD2035_03_s_2017_8 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                        |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.00                   | Rating **    | M  | Issue No.              | 7             |
| LM End   | 2.51                   | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 38.575376 °            | 38.590810 °   |
|  |                        |              |    | -121.635585 °          | -121.665258 ° |
| DWR ID   | DWR_RD2035_03_s_2017_7 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Annual grasses need to be maintained, Spring 2017.                     |                        |              |    |                        |               |

Photo 1 of 1 : SP\_2017\_RD2035\_240\_7\_20170426\_00018.jpg



View looking upstream of annual grasses that need to be maintained, Spring 2017.

|   |                             |              |    |                        |               |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.39                        | Rating **    | M  | Issue No.              | 975           |
| LM End  | 1.39                        | Issue Type + | Ma | Location *             | WS            |
| Category  | Supplemental                |              |    | GPS Latitude/Longitude |               |
|   |                             |              |    | Start                  | End           |
| Item  | DWR UCIP LMA Responsibility |              |    | 38.589425 °            | 38.589425 °   |
|   |                             |              |    | -121.645359 °          | -121.645359 ° |
| DWR ID  |                             |              |    |                        |               |
| Comment Code  |                             |              |    |                        |               |
|   |                             |              |    |                        |               |
| Inspector Comment   |                             |              |    |                        |               |
| FS_ID:41128   |                             |              |    |                        |               |
| DS_ID:17836   |                             |              |    |                        |               |
| EP_NO: N/A  |                             |              |    |                        |               |
| Repair Type: Non-Urgent   |                             |              |    |                        |               |
| Crossing Status: Found  |                             |              |    |                        |               |
| UCIP Comments: Need to clear vegetation and debris from WS at outlet. |                             |              |    |                        |               |
| FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee        |                             |              |    |                        |               |
| 17.5 feet below crown, flap gate on waterward end, slide gate and     |                             |              |    |                        |               |
| concrete headwall on landward end. Originally included in O+M manual  |                             |              |    |                        |               |
| (1952).   |                             |              |    |                        |               |
| FS Date: 4/3/2013   |                             |              |    |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_41128\_18348.jpg



Slide gate and headwall in canal at LS toe.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|   |                             |              |    |                        |               |  |
|---|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start  | 1.39                        | Rating **    | M  | Issue No.              | 975 (cont)    |  |
| LM End  | 1.39                        | Issue Type + | Ma | Location *             | WS            |  |
| Category  | Supplemental                |              |    | GPS Latitude/Longitude |               |  |
|   |                             |              |    | Start                  | End           |  |
| Item  | DWR UCIP LMA Responsibility |              |    | 38.589425 °            | 38.589425 °   |  |
|   |                             |              |    | -121.645359 °          | -121.645359 ° |  |
| DWR ID  |                             |              |    |                        |               |  |
| Comment Code  |                             |              |    |                        |               |  |
|   |                             |              |    |                        |               |  |
| Inspector Comment   |                             |              |    |                        |               |  |
| FS_ID:41128   |                             |              |    |                        |               |  |
| DS_ID:17836   |                             |              |    |                        |               |  |
| EP_NO: N/A  |                             |              |    |                        |               |  |
| Repair Type: Non-Urgent   |                             |              |    |                        |               |  |
| Crossing Status: Found  |                             |              |    |                        |               |  |
| UCIP Comments: Need to clear vegetation and debris from WS at outlet.   |                             |              |    |                        |               |  |
| FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee 17.5 feet below crown, flap gate on waterward end, slide gate and concrete headwall on landward end. Originally included in O+M manual (1952). |                             |              |    |                        |               |  |
| FS Date: 4/3/2013   |                             |              |    |                        |               |  |

Photo 2 of 3 : UCIP\_SP\_2017\_41128\_18347.jpg



Slide gate and headwall in canal at LS toe.

|          |      |              |    |            |            |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.39 | Rating **    | M  | Issue No.  | 975 (cont) |
| LM End   | 1.39 | Issue Type + | Ma | Location * | WS         |

Photo 3 of 3 : UCIP\_SP\_2017\_41128\_18346.jpg



Vegetated area blocks access to WS of pipe.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.17                        | Rating **    | M  | Issue No.              | 976           |
| LM End   | 2.17                        | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.590934 °            | 38.590934 °   |
|  |                             |              |    | -121.658940 °          | -121.658940 ° |
| DWR ID   |                             |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| FS_ID:11011<br>DS_ID:17837<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Debris and vegetation partially blocking inlet and outlet at both toes.<br>FIELD_STRUCT_DESC: 48-inch corrugated metal pipe through levee 19.0 feet below crown, slide gate on both ends. Originally included in O+M manual (1952).<br>FS Date: 4/3/2013 |                             |              |    |                        |               |

Photo 1 of 2 : UCIP\_SP\_2017\_11011\_18354.jpg



Slide gate at WS toe showing excessive vegetation.

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>2.17</b> | Rating **    | M  | Issue No.  | <b>976 (cont)</b> |
| LM End   | <b>2.17</b> | Issue Type + | Ma | Location * | WS                |

Photo 2 of 2 : UCIP\_SP\_2017\_11011\_18353.jpg



Slide gate at LS toe showing excessive vegetation.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.19                        | Rating **    | M  | Issue No.              | 977           |
| LM End   | 2.19                        | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.590909 °            | 38.590909 °   |
|  |                             |              |    | -121.659311 °          | -121.659311 ° |
| DWR ID   |                             |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| FS_ID:11012<br>DS_ID:17838<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Debris and vegetation partially blocking both ends of pipe.<br>FIELD_STRUCT_DESC: 36-inch pipe through levee 18.0 feet below crown, slide gate on LS toe. Combination flap and slide gate on WS toe. Originally included in O+M manual.<br>FS Date: 4/3/2013 |                             |              |    |                        |               |

Photo 1 of 3 : UCIP\_SP\_2017\_11012\_18357.jpg



Combination flap and slide gate on WS toe. With excessive vegetation

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>2.19</b> | Rating **    | M  | Issue No.  | <b>977 (cont)</b> |
| LM End   | <b>2.19</b> | Issue Type + | Ma | Location * | WS                |

Photo 2 of 3 : UCIP\_SP\_2017\_11012\_18356.jpg



Headwall at bottom of fenceline on LS toe

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2035 Conaway

| Waterway                         | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|----------------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/18/2017<br>04/18/2017 | Sterling York |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.19                        | Rating **    | M  | Issue No.              | 977 (cont)    |
| LM End   | 2.19                        | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.590909 °            | 38.590909 °   |
|  |                             |              |    | -121.659311 °          | -121.659311 ° |
| DWR ID   |                             |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| FS_ID:11012<br>DS_ID:17838<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Debris and vegetation partially blocking both ends of pipe.<br>FIELD_STRUCT_DESC: 36-inch pipe through levee 18.0 feet below crown, slide gate on LS toe. Combination flap and slide gate on WS toe. Originally included in O+M manual.<br>FS Date: 4/3/2013 |                             |              |    |                        |               |

Photo 3 of 3 : UCIP\_SP\_2017\_11012\_18355.jpg



Headwall and pipe on LS toe.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|